Index of Claims

Application/Control No.

10/627,333

Examiner

Gabriel L. Chu

Applicant(s)/Patent under Reexamination

STATON ET AL.

Art Unit

2114

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

| Claim Date    |          |              |              |              |              |  | Claim      |              | Date     |              |        |          |          |                 |   |          |          |  |          |              |                     |
|---------------|----------|--------------|--------------|--------------|--------------|--|------------|--------------|----------|--------------|--------|----------|----------|-----------------|---|----------|----------|--|----------|--------------|---------------------|
| Final         | Original | リろな          |              |              |              |  |            |              |          |              |        | Final    | Original |                 |   |          |          |  |          |              |                     |
| T             | 1        | =            | Ι            |              |              |  |            |              |          |              |        |          | 51       |                 |   |          |          |  |          |              |                     |
| _1            | 2        | Ц            |              |              |              |  |            | L.           |          |              |        |          | 52       | Ш               |   |          |          | <u> </u>   |          | _            | $\sqcup$            |
| $\rightarrow$ | 3        | Н            | ↓_           | <u> </u>     | L            | ╙  |            | ļ            | <u> </u> |              |        |          | 53       |                 |   | ļ        | <u> </u> | <u> </u>   | <u> </u> |              | $\vdash$            |
| $\vdash$      | 4        | Н            | -            | <b>Ļ</b> _   | <u> </u>     | ├-   | <b>├</b>   |              | ├        | _            |        | <u> </u> | 54       |                 |   | _        | _        |  |          | <u> </u>     |                     |
| $\vdash$      | 5        | Н            | -            | ⊢-           | ├            | ╄  | ⊢          | 1            |          | _            |        | <u> </u> | 55       | Н               |   | -        | <u> </u> | <u> </u>   | _        | <u> </u>     |                     |
| 1-1           | 6        | H            | ╀            | <del> </del> | <u> </u>     | ┢  | <b> </b> - | -            | ┢        | <del> </del> |        |          | 56<br>57 | Н               |   |          | ├        | $\vdash$   | _        | ⊢            | $\vdash$            |
| $\vdash$      | 7<br>8   | Н            | +            | ├            | ├-           | ⊢  | ┢          | -            | -        | -            |        |          | 58       | $\vdash$        |   | -        | ├        | -  | $\vdash$ | ⊢            | $\vdash$            |
| $\vdash$      | 9        | H            | +            | <u> </u>     | -            | -  | ╁          | H            | ╁        | $\vdash$     |        |          | 59       | Н               |   | <u> </u> | ├        | ├-   | <u> </u> | $\vdash$     | $\vdash$            |
| +             | 10       | H            | ╁            |              | $\vdash$     | ├  | ╁╴         | ┢            | $\vdash$ |              |        | _        | 60       |                 |   |          |          | -  |          | $\vdash$     | $\vdash$            |
| +             | 11       | +            | +            |              |              | H  | 1          |              | ┢        |              |        |          | 61       | Н               | _ |          |          | <del>                                     </del> |          |              |                     |
| $\vdash$      | 12       | Ħ            | T            | <u> </u>     |              | T  | t          |              | T        |              |        |          | 62       |                 |   |          |          |  |          |              |                     |
| $\Box$        | 13       | Ħ            | 1            |              | $\vdash$     | <del>                                     </del> | Г          |              |          |              |        |          | 63       |                 |   |          |          |  |          |              |                     |
|               | 14       | Ħ            |              |              |              | İ  |            |              | Г        | <u> </u>     |        |          | 64       |                 |   |          |          |  |          |              |                     |
|               | 15       | П            |              |              |              |  |            |              |          |              |        |          | 65       |                 |   |          |          |  |          |              |                     |
|               | 16       | П            |              |              |              |  |            |              | Ĺ        |              |        |          | 66       |                 |   |          |          |  |          | <u> </u>     | Ш                   |
|               | 17       | Ц            |              |              |              | L  | <u> </u>   |              | L        |              |        |          | 67       |                 |   |          |          |  |          |              |                     |
| $\perp \perp$ | 18       | Ц            | ļ            | L            | _            | L  |            | _            | L        | Щ            |        |          | 68       |                 |   |          | _        |  | _        |              |                     |
| $\perp$       | 19       | 44           | ļ_           | L            | _            | L  | _          | _            | <u> </u> |              |        |          | 69       |                 |   |          |          | _  | _        | _            |                     |
| $\perp$       | 20       | Н            | 4            | L            | <u> </u>     | _  |            |              | <u> </u> |              |        |          | 70       |                 |   |          |          | <u> </u>   |          | <u> </u>     | $\vdash$            |
| $\vdash$      | 21       | H            | -            | _            | <u> </u>     | ├  | -          | <u> </u>     | <u> </u> |              |        |          | 71       |                 |   |          |          | -  |          |              |                     |
| +             | 22       | H            | ₽            | -            | ⊢            |  |            | <del> </del> | <b> </b> | -            |        | <u> </u> | 72<br>73 | $\vdash$        |   |          | -        | -  | _        | -            | ┝                   |
| 1             | 24       | H            | ╁            |              | ⊢            | ⊢  | -          | -            | ┢╌       | -            |        |          | 74       | $\vdash \vdash$ |   |          | -        | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$            |
| +             | 25       | ╁            | +-           | $\vdash$     | $\vdash$     |  |            | $\vdash$     | <u> </u> |              |        |          | 75       | $\vdash$        | - | -        | -        | ├-   | $\vdash$ | $\vdash$     | $\vdash$            |
| H             | 26       | ╁╂           | ╁╌           | ┢            | ├            | ┢╌   |            | H            | $\vdash$ | H            |        |          | 76       |                 |   |          |          |  |          | <del> </del> | $\vdash$            |
| H             | 27       | H            | $\vdash$     | $\vdash$     |              | ╁  | $\vdash$   | _            | $\vdash$ | Н            |        |          | 77       |                 | _ |          |          |  |          | ┢            |                     |
| H             | 28       | H            |              |              |              | Г  | _          |              | 一        |              |        |          | 78       |                 | _ | _        |          |  |          |              | П                   |
| $\Pi$         | 29       | Ħ            |              |              |              | Г  |            |              |          |              |        |          | 79       |                 |   |          |          |  |          |              |                     |
|               | 30       | П            |              |              |              |  |            |              |          |              |        |          | 80       |                 |   |          |          |  |          |              |                     |
|               | 31       | П            |              |              |              |  |            |              |          |              |        |          | 81       |                 |   |          |          |  |          |              |                     |
| <u>'</u>      | 32       | 1            | 1            |              |              |  |            |              | <u> </u> |              |        |          | 82       |                 |   |          |          | L  |          | _            |                     |
| 33            | 33       | 二            | 1_           | _            |              | _  | L          | L            | _        |              |        |          | 83       |                 |   |          | _        | <u> </u>   | _        | _            |                     |
| 200           | 34       | L            | ↓_           | <u> </u>     | ļ            | _  | -          | <u> </u>     | <u> </u> | $\vdash$     |        | <u> </u> | 84       | Ш               |   |          | <u> </u> |  | _        |              | $\vdash$            |
| 34            | 35       | F            | ┼-           | -            | -            | _  | -          | _            | <u> </u> | $\vdash$     |        |          | 85       |                 |   |          | -        |  |          | ├            | -                   |
| 35            | 36       | 1            | ╀            | -            | <del> </del> | -  |            | H            | <u> </u> | Н            |        |          | 86<br>87 |                 | _ |          | -        | _  | _        | ├            | $\vdash$            |
| 36<br>37      | 37<br>38 | +            | -            | <u> </u>     |              | ├  |            | ⊢            | ┢        | $\vdash$     |        | -        | 88       | $\vdash$        |   |          | ┝        | -  |          | <del> </del> | $\vdash$            |
| 36            | 39       | 1            | +-           | -            | -            | ⊢  | -          | ├            | ┢╾       | $\vdash$     |        | -        | 89       | -               | _ |          | $\vdash$ |  |          | ┝            | $\vdash$            |
| _ <del></del> | 40       | -            | -            | -            | -            | ┢  | ╁          | -            | ╁        | $\vdash$     |        |          | 90       | $\vdash$        |   | _        | $\vdash$ |  |          | $\vdash$     |                     |
| 39            | 41       | Ξ            | <del> </del> |              | -            | $\vdash$   |            | 1            | 1        | Н            |        |          | 91       |                 |   |          |          |  |          | $\vdash$     |                     |
| lim           | 42       | 1            | 1            |              |              |  |            | Т            | $\vdash$ |              |        |          | 92       |                 |   |          |          |  |          |              |                     |
| 91            | 43       | 1            | 1            |              | П            | Г  | 1          | Т            | $\vdash$ |              |        | <u> </u> | 93       | П               |   |          |          |  |          |              |                     |
| 42            | 44       |              | T            |              |              |  |            |              |          |              |        |          | 94       |                 |   |          |          |  |          |              |                     |
| 43            | 45       | $\mathbb{I}$ | $\Box$       |              |              |  |            |              |          |              |        |          | 95       |                 |   |          |          |  |          |              |                     |
| 4             | 46       | $\prod$      |              |              |              | 匚  |            |              |          |              |        |          | 96       |                 |   |          | $\Box$   |  |          | $\Box$       |                     |
| 45            | 47       | =            | <u>-  </u>   |              |              |  | L          |              |          |              |        |          | 97       | Ш               |   |          |          | _  | L        | <u> </u>     | Ш                   |
| <u> </u>      | 48       | $\perp$      | 1            |              | _            |  | <u> </u>   | _            | <u> </u> | Щ            |        | <u> </u> | 98       | Ш               |   |          | <u> </u> | <u> </u>   |          |              | Ц                   |
| L             | 49       | _            | _            | L_           | <u> </u>     |  | <u> </u>   | <u> </u>     | <u> </u> | Щ            |        | <u> </u> | 99       | $\sqcup$        |   |          | <u>_</u> | <u> </u>   | <u> </u> | <u> </u>     | $\vdash \downarrow$ |
| L             | 50       | L            | <u> </u>     | L            |              | l  |            |              | <u> </u> |              | 111111 | L        | 100      | Ш               |   | Ц.       | L_       | L  | L_       | <u> </u>     | Ш                   |

| Cla      | aim  | Date        |          |          |              |   |          |  |             |          |  |
|----------|--|-------------|----------|----------|--------------|---|----------|--|-------------|----------|--|
|          | $\vdash$   |             |          |          |              |   |          |  |             |          |  |
|          | व  |             |          |          |              | : |          |  |             |          |  |
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|          | Original   |             |          |          |              |   |          |  |             |          |  |
|          | 51   | Н           |          | $\vdash$ | $\vdash$     |   | $\vdash$ | _  | <del></del> | -        |  |
|          | 21   |             |          | -        | <u> </u>     | _ | $\vdash$ | $\vdash$   | -           | -        |  |
|          | 51<br>52<br>53<br>54<br>55                                     | Ш           |          | _        | $oxed{oxed}$ |   | <u> </u> | <u> </u>   | L_          | $\vdash$ |  |
|          | 53   |             |          | L        |              |   |          |  |             |          |  |
|          | 54   |             |          |          |              |   |          |  |             |          |  |
|          | 55   |             |          |          |              |   |          |  |             |          |  |
|          | 56   | Н           |          |          | $\vdash$     | _ |          | _  |             |          |  |
| -        | 57   |             |          | -        | -            |   |          | $\vdash$   |             | $\vdash$ |  |
|          | 56<br>57<br>58   | _           |          | -        | _            |   |          | _  |             |          |  |
|          | 58   |             |          |          |              |   |          |  |             |          |  |
|          | 59   |             |          |          |              |   |          |  |             |          |  |
|          | 60   | !           |          |          |              |   |          |  |             |          |  |
|          | 60<br>61   |             |          |          |              |   |          |  |             |          |  |
|          | 62   | $\Box$      |          |          | П            |   |          |  |             |          |  |
|          | 63   | -           |          |          | $\vdash$     |   | Ι        | -  |             |          |  |
|          | 64   |             |          | -        | $\vdash$     |   | H        | <u> </u>   | -           |          |  |
|          | 04   | $\square$   |          |          |              |   | <u> </u> | _  | <u> </u>    |          |  |
|          | 65   |             |          |          | Ш            |   | L        |  |             |          |  |
|          | 62<br>63<br>64<br>65<br>66                                     |             |          |          |              |   |          | L  |             |          |  |
|          | 67   |             |          |          |              |   |          |  |             |          |  |
|          | 68   |             |          |          |              |   |          |  |             |          |  |
|          | 68<br>69   |             |          | _        |              | - |          | _  |             |          |  |
|          | 70   |             |          | _        | _            | _ | $\vdash$ | _  |             |          |  |
|          | 70   |             |          | _        |              |   | _        | _  |             |          |  |
|          | /1   |             | _        |          |              |   |          |  | _           |          |  |
|          | 72   |             |          |          |              |   |          |  |             |          |  |
|          | 70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80 |             |          |          |              |   |          |  |             |          |  |
|          | 74   |             |          |          |              |   |          |  |             |          |  |
|          | 75   |             |          |          |              |   |          |  |             |          |  |
|          | 76   | ш           |          |          |              |   | $\neg$   |  | _           |          |  |
|          | 77   | Н           | _        |          |              |   |          |  | _           |          |  |
| -        | 770  |             | _        | _        |              |   | $\vdash$ | _  | _           |          |  |
|          | /8   |             |          | _        |              |   | $\vdash$ |  | _           |          |  |
|          | 79   |             |          |          |              |   |          |  |             |          |  |
|          | 80   |             |          |          |              |   |          |  |             |          |  |
|          | 81<br>82<br>83<br>84<br>85                                     |             |          |          |              |   |          |  |             |          |  |
|          | 82   |             |          |          |              |   |          |  |             |          |  |
|          | 83   | П           |          |          | М            | _ |          | т  |             |          |  |
|          | 8/   | Н           |          |          | Н            |   | $\vdash$ | Н  | -           | Н        |  |
| <b></b>  | 04   | Н           | $\vdash$ |          | Н            | - | $\vdash$ |  | _           | Н        |  |
|          | 85   |             |          |          |              |   | _        | <u> </u>   |             | Щ        |  |
|          | 86   | Ш           |          |          | Ш            |   | $\Box$   | $ldsymbol{ld}}}}}}$ |             | Ш        |  |
|          | 87<br>88<br>89   |             |          |          |              |   |          |  | _           |          |  |
|          | 88   |             |          |          |              |   |          |  |             |          |  |
|          | 89   |             |          |          |              |   |          |  |             |          |  |
|          | 90   | Н           |          |          | Н            |   |          |  |             | $\vdash$ |  |
|          | 91   | -           | -        | -        | H            |   | H        |  | -           | -        |  |
|          | 31   | $\vdash$    | $\vdash$ | _        | Н            |   | -        | Н  |             | $\vdash$ |  |
|          | 92   | Ш           | <u> </u> |          |              |   |          |  |             |          |  |
|          | 93   |             |          |          | Ш            |   | Щ        | Ш  |             | Ш        |  |
|          | 94   | $\bigsqcup$ |          |          |              |   |          |  |             |          |  |
|          | 95   |             |          |          |              |   |          |  |             |          |  |
|          | 96   |             |          |          |              |   |          |  |             |          |  |
|          | 97   | Н           |          | _        | Н            | _ | $\vdash$ | $\vdash$   |             | $\vdash$ |  |
|          | 98   | H           |          |          | H            |   | $\vdash$ | Η-   | -           |          |  |
| $\vdash$ | 30   | ш           |          |          |              |   |          | <del>   </del>   | $\vdash$    | $\vdash$ |  |
|          | 99   |             |          |          |              |   | L.       | <u> </u>   | L           | Щ        |  |
|          | 100  |             |          |          |              |   | l        | i  |             |          |  |

| Cla   | Date              |          |  |  |          |  |  |  |  |                 |
|-------|-------------------|----------|--|--|----------|--|--|--|--|-----------------|
|       |                   |          |  |  |          |  |  |  | П  |                 |
| Final | Original          |          |  |  |          |  |  |  |  |                 |
|       | 101               |          |  |  |          |  |  |  |  |                 |
|       | 102               |          |  |  |          |  |  |  |  | П               |
|       | 103               |          | _  | -  |          |  |  |  |  | П               |
|       | 104               |          | _  |  |          | $\vdash$   | $\vdash$   |  | _  | П               |
|       | 104<br>105        |          |  | _  |          | -  |  |  |  |                 |
|       | 106               |          | $\vdash$   | _  |          | <del>                                     </del> |  |  |  | Н               |
|       | 107               |          |  |  | Т        |  | _  | _  | -  | Н               |
|       | 108               | $\vdash$ |  | $\vdash$   | -        | $\vdash$   | ┝  | $\vdash$   |  | H               |
|       | 109               | $\vdash$ | $\vdash$   | $\vdash$   | -        | _  |  |  | -  | H               |
|       | 110               | _        | $\vdash$   |  | $\vdash$ | <del> </del>                                     | <del>                                     </del> | -  |  | Н               |
|       | 110<br>111        | $\vdash$ | $\vdash$   |  |          | $\vdash$   | $\vdash$   | 一  | $\vdash$   | М               |
|       | 112               |          | $\vdash$   | $\vdash$   | _        | $\vdash$   | $\vdash$   |  |  | Н               |
|       | 113               | $\vdash$ | $\vdash$   |  |          | $\vdash$   | <del> </del>                                     | _  |  | Н               |
|       | 114               | ΙĖ       | <del>                                     </del> | <del>  -</del>                                   | $\vdash$ | $\vdash$   | $\vdash$   |  | $\vdash$   | H               |
|       | 114<br>115        | $\vdash$ | $\vdash$   | +-   | $\vdash$ | <del>                                     </del> | $\vdash$   | <u> </u>   |  | H               |
|       | 116               | <u> </u> |  | t  | $\vdash$ | <del>                                     </del> | $\vdash$   | <del>                                     </del> | <del>                                     </del> | Н               |
|       | 116<br>117        | -        | ├─   | <del>                                     </del> | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | -  | $\vdash \vdash$ |
|       | 118               | _        |  | -  | _        | -  | $\vdash$   | $\vdash$   | $\vdash$   | Н               |
|       | 119               | _        |  | $\vdash$   | -        | H  | ├  | -  | ⊢  | H               |
|       | 120               | $\vdash$ |  | <del>                                     </del> | -        | -  | <del> </del>                                     | -  | -  | Н               |
|       | 120               | -        | -  | $\vdash$   |          |  | -  | -  | -  |                 |
|       | 122               | _        |  | -  |          |  |  | $\vdash$   | $\vdash$   | Н               |
|       | 121<br>122<br>123 | $\vdash$ |  | $\vdash$   | _        | -  | $\vdash$   |  |  | Н               |
|       | 124               | <u> </u> |  |  |          | -  | -  |  |  | H               |
|       | 124<br>125        | _        | -  | H  |          | $\vdash$   | _  |  | -  | $\vdash$        |
|       | 126               |          | -  |  | _        | -  |  |  |  |                 |
|       | 127<br>128<br>129 |          |  | _  |          | Г  |  |  |  |                 |
|       | 128               |          |  |  |          |  |  |  |  |                 |
|       | 129               |          |  |  |          |  |  |  |  |                 |
|       | 130               | -        |  |  |          |  |  |  |  |                 |
|       | 130<br>131        |          |  |  |          |  |  |  |  |                 |
|       | 132               |          |  | П  |          |  |  |  |  |                 |
|       | 133               |          |  |  |          |  |  |  |  |                 |
|       | 134               |          |  |  |          |  |  |  |  |                 |
|       | 135               |          |  |  |          |  |  |  |  |                 |
|       | 136               |          |  | $\Box$   |          |  |  |  |  |                 |
|       | 137               |          |  |  |          |  |  |  |  | Ш               |
|       | 138<br>139        |          | _  | <u> </u>   | <u> </u> | <u> </u>   | <u> </u>   |  |  | Ш               |
|       | 139               | L        | L  |  |          |  | L  | <u></u>  |  | Ш               |
|       | 140               |          | L  | <u> </u>   |          | <u> </u>   |  | <u> </u>   |  | Ш               |
|       | 141               | <u> </u> | _  | <u> </u>   | <u> </u> | $\vdash$   | <u> </u>   | $\vdash$   | L.   | Ш               |
|       | 142               | _        | <u> </u>   | <u> </u>   | <u> </u> | <u> </u>   | _  | <u> </u>   | <u> </u>   | Ш               |
|       | 143               | <u> </u> | <u> </u>   | <u> </u>   | L.       |  | _  | <u> </u>   | <u> </u>   | $\vdash$        |
|       | 144               | <u> </u> | ļ  | <u> </u>   | <u> </u> | H  | <u> </u>   | $\vdash$   |  | $\vdash \vdash$ |
|       | 145               | <u> </u> | <u> </u>   | 1  | <u> </u> | <u> </u>   | <u> </u>   | $\vdash$   | <u> </u>   | $\mid = \mid$   |
|       | 146               | <u> </u> | $\vdash$   | ₩  | <u> </u> | <u> </u>   | <u> </u>   | ├  | L  | Н               |
|       | 147               | <u> </u> | $\vdash$   | <u> </u>   | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>   |                 |
|       | 148               | L        | <u> </u>   | <u> </u>   | ļ        | -  | <u> </u>   | <u> </u>   | <u> </u>   | $\vdash \vdash$ |
|       | 149               | <u> </u> | $\vdash$   |  | <u> </u> |  | <u> </u>   | ├  | <u> </u>   | Н               |
|       | 150               |          | <u> </u>   |  |          | L  | L  |  |  | L_J             |